

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

# LISTING SERVICE

**LISTING No.** 7257-1468:101

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**CATEGORY:** Single/Multiple Station Smoke Detector-Photoelectric

**LISTEE:** Nighthawk Systems, 4980 Centennial Blvd., Colorado Springs, CO 80919  
Contact: \*Larry Ratzlaff (847) 742-5165

**DESIGN:** Models PE-9 and PE-120 photoelectric type smoke detector. Model PE-9 is single station and 9 VDC battery operated. Model PE-120 is single and/or multiple station, 120 VAC operated with a 9 VDC battery backup. Refer to listee's data sheet for additional detailed product description and operational considerations.

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number, rating and UL label.

**APPROVAL:** Listed as single station (PE-9) and single/multiple station (PE-120), photoelectric type smoke detector.

These models are non-temporal and are intended for use in occupancies that do not require total evacuation but perhaps relocation or notification. If a distinctive temporal code pattern fire alarm signal (for total evacuation) in accordance with NFPA 72, 1996 Edition is required, do not use these units. Refer to other listings which provide temporal devices.

**NOTE:** The photoelectric type detectors are generally more effective at detecting slow, smoldering fires which smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen.

**XLF:** 7257-0630:116

\*Rev. 06-21-2002



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

**JUNE 21, 2002**

*Listing Expires **June 30, 2003***

Authorized By:

**DIANE K. AREND**, Senior Deputy  
Program Manager